

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S51	3	("5670223").URPN.	USPAT	OR	OFF	2006/06/30 16:53
S52	1455	174/135.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 17:06
S53	683	428/134.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 17:07
S54	44	S53 and ribbon\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 17:08
S55	1858	428/43.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 17:55
S56	1037	428/137,136,135,131,134.ccls. and (ribbon\$1 or tape\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:02
S57	4	428/137,136,135,131,134.ccls. and (cold with shrink\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 17:56
S58	87	ribbon\$1 and (cold with shrink\$4) and (tube\$1 or tubular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 17:57
S59	210851	groove\$1 with (perforation\$1 or hole\$1 or aperture\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:03
S60	22161	S59 and (ribbon\$1 or tape\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:03

EAST Search History

S61	5975	S60 and tube\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:04
S62	297	S61 and (weakness or weakened)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:12
S63	698	174/135.ccls. and (hole\$1 or perforation\$1 or aperture\$1 or groove\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:13
S64	225	S63 and (separate or weakness or weakened)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:13
S65	256	S63 and (separate or weakness or weakened or separation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:15
S66	198	428/37.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:21
S67	44	428/34.9,34.1.ccls. and 428/131,135,136,137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:22
S68	46	428/34.9,34.1.ccls. and 428/131,134,135,136,137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:23
S69	75	428/34.9,34.1.ccls. and 428/43,131,134,135,136,137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:24
S70	672	428/34.9.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:26

EAST Search History

S71	47	S70 and (helical or helically)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:25
S72	47	428/34.9.ccls. and (groove\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:27
S73	7	("3515798" "4135553" "4338970" "4389440" "4410009" "4503105"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/30 18:31
S74	16	("4871599").URPN.	USPAT	OR	OFF	2006/06/30 18:40
S75	873	138/122.ccls.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:40
S76	117	S75 and (aperture\$1 or hole\$1 or perforation\$1)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:46
S77	45327	(tube\$1 or tubing) and (helical or helically) and (perforation\$1 or aperture\$1 or hole\$1)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:47
S78	1372	(tube\$1 or tubing) and (helical or helically) and ((perforation\$1 or aperture\$1 or hole\$1) with (diamond\$1 or square\$1))	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:51
S79	19	S78 and ("138"/\$.ccls.)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:50
S80	26	S78 and ("428"/\$.ccls.)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:50
S81	1	428/34.1,34.9.ccls. and (helical or helically) and ((perforation\$1 or aperture\$1 or hole\$1) with (diamond\$1 or square\$1))	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:52
S82	31	428/34.1,34.9.ccls. and (helical or helically) and (perforation\$1 or aperture\$1 or hole\$1)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:53

EAST Search History

S83	1475	"174"/\$.ccls. and (helical or helically) and (perforation\$1 or aperture\$1 or hole\$1)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:53
S84	915	"174"/\$.ccls. and (helical or helically) and (perforation\$1 or aperture\$1 or hole\$1) and (tube\$1 or tubular or tubing)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 18:58
S85	471	428/134,135,136,137.ccls. and (tube\$1 or tubular or tubing or pipe\$1)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 19:10
S86	46	428/34.1.ccls. and (helical or helically)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 19:12
S87	22	428/43.ccls. and (helical or helically)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 19:14
S88	203	428/43.ccls. and (tube\$1 or tubular or tubing)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 19:35
S89	4	("6007886").URPN.	USPAT	OR	OFF	2006/06/30 19:33
S90	819	428/167,172.ccls. and (hole\$1 or perforation\$1 or aperture\$1)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 19:35
S91	33	428/167,172.ccls. and (hole\$1 or perforation\$1 or aperture\$1) and (helical or helically)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 19:37
S92	174	428/167,172.ccls. and (hole\$1 or perforation\$1 or aperture\$1) and (tube\$1 or tubular or tubing)	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 19:39
S93	245	428/167,172.ccls. and 428/131,134, 135,136,137.ccls.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/30 19:41
S94	7	("3946143" "4016356" "4816326" "4857370" "4929477" "4952438" "5029241").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/30 19:43
S95	2	("5180621").URPN.	USPAT	OR	OFF	2006/06/30 19:44